Method and device for the encoding and decoding of power distribution at the outputs of a system

Patent Number: ☐ US2002041250
Publication date: 2002-04-11
Inventor(s): RUFFENACH OLIVIER (FR); ESPOSITO PIERRE (FR); QUEMIN PATRICK (FR)
Applicant(s): THALES (FR)
Requested Patent: ☐ EP1184679
Application Number: US20010925535 20010810
Priority Number(s): FR20000010585 20000811
IPC Classification: G01S7/282
EC Classification: G01S7/03, G01S7/282
Equivalents: CA2354954, ☐ FR2812949, ☐ US6570525

Abstract

In a method and device for the encoding/decoding of the power distribution at the outputs of a system, the distribution encoder comprises an element that receives a signal s(t) and a piece of distribution information i (t), and that superposes said piece of distribution information i(t) received on said signal s(t) received. The piece of information i(t) is used for the subsequent distribution of the total power Ps of said signal s(t) at said output or outputs {S&Ggr;} of a system &Ggr;. The distribution decoder comprises one or more inputs on which there is received an encoded signal c(t) or an encoded signal divided into several signal (cj(t))jepsi [1,2N] comprising the useful signal s(t) and the piece of distribution information i(t). It also comprises one or more outputs connected to the outputs {S&Ggr;} of said system &Ggr; to which said signal s(t) is transmitted by distributing the total power received Ps according to said piece of distribution information i(t). The disclosed method and device enable, for example, the fast, low-power switching of the outputs of a high-power system and the programming of a system with variable power outputs

Data supplied from the **esp@cenet** database - I2